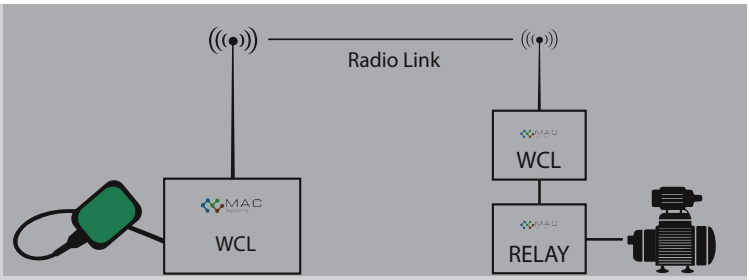
MAC-WCL

The MAC-WCL provides a simple and cost effective wireless link for a number of simple control applications.
Two radios are required where one radio can be located at a pump site with the additional relay module connected. The other radio can be located on a water tank with a float switch connected.

When the level of the water tank drops to a specific level that the float switch has been set to, the tank WCL sends a signal to the WCL at the pump to turn the pump on. When the water tank is refilled to the set level, another signal is sent to turn the pump off. A simple cost effective wireless automated solution for applications where running cable between a water tank and a pump is not practical or cost effective.



When the float switch in the water tank hits the low level setpoint, an on command is sent to the pump via radio. When the water tank level hits the high setpoint, a stop command is sent to the pump via radio

Other Applications Include:

A WCL radio connected to a control panel on an irrigator. When the control panel initialises an “on” command to the pump, the WCL at the pump receives the signal and turns the pump on. When the control panel initialises an “off” command, the pump WCL receives the command and turns the pump off.

A WCL radio connected to a switch on an access gate. When the gate is open, the input WCL radio sends a signal to the WCL at a house where it sounds a buzzer. When the gate is closed, another signal is sent to turn the buzzer off.

Any On/Off input can be wirelessly linked to any On/Off output. The feature of this product is that the WVC – Wireless Valve Control units can be easily configured to operate as a WCL - wireless input and output device for such applications listed above and more.

The MAC-WCL-Pump kit includes:

2 x radios and solar panels
1 x relay module in enclosure
2 x low gain antennas.

Depending on transmission distances required, higher gain antennas and cable extensions are available.

High gain antennas are available where longer transmission distances are required.

Other accessories are available, including float switches, switches and relays, depending on the solution required.

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